Lewis Creek Basin

Basin Areas: 1,410 Total Acres
  City   963   Acres
  King County   284   Acres
  Issaquah   162   Acres

Drainage Jurisdictions: Bellevue, DOT (I-90), Issaquah, King County
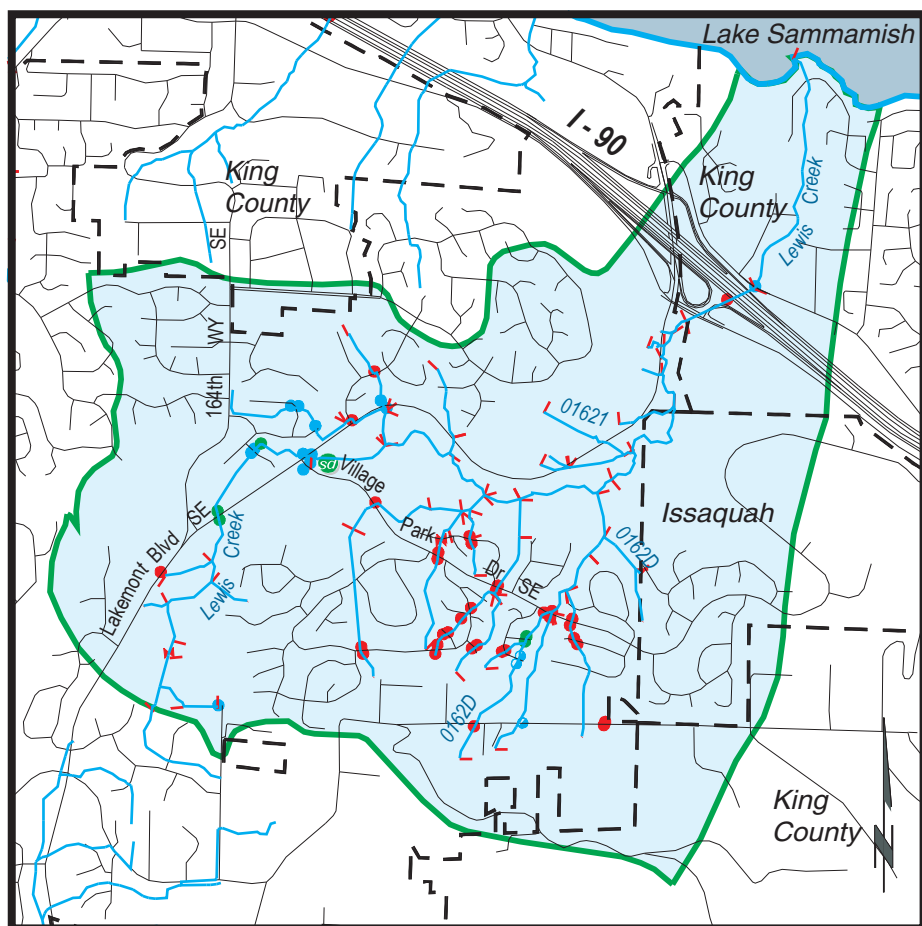
% Impervious   28%
Basin Relief   795 ft
Basin Energy   0.9
Basin Length   2.5 mi
Average Basin Width   0.9 mi

Total Length of Open Channel   43,650 ft

Lake Sammamish Watershed
City Basin Population (2000): 5,092
Land Use Within the City Area

Single family residential	61%
Multi-family residential	4%
Commercial/Office	0%
Industrial	0%
Institutional/Government	3%
Open Space/Park	20%
Mixed use/Misc.	0%
Public streets	12%

SCALE 1" = 2400'

Fish Use: Because the culvert under I-90 is impassible, present use of Lewis Creek (08-0162) by anadromous and migratory fish is confined to downstream of the freeway. Migratory cutthroat trout, coho and sockeye salmon, and late-run kokanee have been observed in this reach (Ostergaard 1998; Vanderhoof et al. 2000). Chinook salmon are not mentioned in the historical record for Lewis Creek. While six adult chinook salmon were seen in lower Lewis Creek in 1995, no chinook were found in the 1994 surveys, and none have been found in the stream since (K. O'Laughlin, King County DNR, personal communication 2000). The absence of chinook in historical record and in the stream in years since 1995 and the proximity of Lewis Creek to the Issaquah Hatchery where

hatchery chinook return, make it likely that those seen in Lewis Creek in 1995 may have been hatchery strays that did not spawn successfully there.

Above I-90, Lewis Creek supports fish populations along the main stem almost to Village Park Dr. SE, where cutthroat trout have been found in large numbers. Mainstem habitat above that point is insufficient to support fish.

Of the many tributaries to Lewis Creek, fish have been found in only in the tributary near SE 47th Way. The lower part of this segment contain multiple age classes of cutthroat trout.   All other tributary segments clearly not support fish.

Report Card Date: February 2002